

WHAT IS CLAIMED IS:

1. A radio device comprising a notch antenna, wherein said notch antenna comprises:

a circuit substrate comprising a ground portion, and a notch portion opened at one end thereof;

a radio circuit portion provided on said circuit substrate for supplying a high-frequency current to said notch portion; and

a conductive bent-back portion formed so as to be connected with said ground portion and to extend said notch portion, on said one end side of said circuit substrate.

2. A radio device as set forth in claim 1, wherein said bent-back portion is formed by integrally bending a portion of said circuit substrate.

3. A radio device as set forth in claim 1, wherein said circuit substrate has a multilayer structure in which one layer is a flexible printed cable, and said bent-back portion is formed by bending said flexible printed cable.

4. A radio device as set forth in claim 1, wherein said bent-back portion is formed by bending a metallic plate.

5. A radio device as set forth in claim 4, wherein

said bent-back portion is fixed to said circuit substrate by a screw for fixing both a casing for containing said radio device therein and said circuit substrate.

6. A radio device as set forth in claim 1, wherein said bent-back portion is comprised of:

a perpendicular portion rising substantially perpendicularly to said circuit substrate; and

a parallel portion substantially parallel to said circuit substrate, said parallel portion formed so as to extend from the leading end of said perpendicular portion in a direction substantially orthogonal to the notch direction of said notch portion and to cross said notch portion.

7. A radio device as set forth in claim 1, wherein said circuit substrate comprises two notch portions, and

said bent-back portion is provided to correspond to each of said notch portions.

8. A radio device as set forth in claim 7, wherein both of said notch portions are provided on said one end side of said circuit substrate.

9. A radio device as set forth in claim 1, wherein said bent-back portion is bent back to the side on

which said radio circuit portion is provided, of said circuit substrate.

10. A cellular phone comprising:

a casing,

a circuit substrate incorporated in said casing and including a ground portion and a notch portion,

a radio circuit portion provided on said circuit substrate for supplying a high-frequency current to said notch portion, and

a conductive bent-back portion formed so as to be connected with said ground portion and to extend said notch portion, on one end side of said circuit substrate.

11. A cellular phone as set forth in claim 10, wherein

said bent-back portion is formed so as to be bent back to the side opposite to the side of a hand when said cellular phone is held on the hand.